

pVIII. As a specific example, an epitope peptide sequence (e.g., YGGFL; SEQ ID NO:7) can be installed at the very N-terminus, thus resulting in this sequence being displayed upon expression. The epitope peptide can be labeled by reacting the peptide with a labeled antibody (mAb 3E7, for example, when the epitope sequence is YGGFL; SEQ ID NO:7).

B⁵ Please insert the accompanying paper copy of the Sequence Listing, page numbers 1 to 3, at the end of the application.

REMARKS

Applicants request entry of this amendment in adherence with 37 C.F.R. §§1.821 to 1.825. This amendment is accompanied by a floppy disk containing the above named sequences, SEQ ID NOS:1-7, in computer readable form, and a paper copy of the sequence information which has been printed from the floppy disk.

The information contained in the computer readable disk was prepared through the use of the software program "PatentIn" and is identical to that of the paper copy. This amendment contains no new matter.

Attached hereto is a marked-up version of the changes made to the Specification by the current Amendment. The attached pages are captioned "**VERSION WITH MARKINGS TO SHOW CHANGES MADE.**"

)

BARRETT *et al.*
Application No.: 09/675,525
Page 4

PATENT

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



Scott L. Ausenhus
Reg. No. 42,271

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (415) 576-0200
Fax: (415) 576-0300
SLA:dmw

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Paragraph beginning at line 20 of page 8 has been amended as follows:

FIG. 9 shows an example of the location and orientation of various genetic elements (SEQ ID NO:1) inserted into a phagemid (gene VIII) thus enabling a hybridization probe to be prepared from the replicable genetic package.

Paragraph beginning at line 23 of page 8 has been amended as follows:

FIGS 10A and 10B depict various biotinylation substrate sequences (SEQ ID NOS:2-5). FIG. 10A shows a 16-amino acid BirA biotinylation substrate sequence fused to the 5' end of the gene for the filamentous phage coat protein pVIII. FIG. 10B shows a 16-amino acid BirA substrate sequence inserted into the 3' end of gene 10B, the major coat protein of T7 phage.

Paragraph beginning at line 30 of page 8 has been amended as follows:

FIG. 12 shows an example of the location and orientation of various genetic elements (SEQ ID NO:6) inserted into a T7 phage vector thus enabling a hybridization probe to be prepared from the replicable genetic package.

Paragraph beginning at line 4 of page 48 has been amended as follows:

A reporter, if utilized, can be attached to the compound (either directly or via a linker) or attached to the surface of the package itself. An example of a suitable

attachment point is the N-terminus of the coat protein pIII. Thus, for example, if pIII provides an attachment site for the reporter, library compounds can be displayed on pVIII. As a specific example, an epitope peptide sequence (e.g., YGGFL; SEQ ID NO:7) can be installed at the very N-terminus, thus resulting in this sequence being displayed upon expression. The epitope peptide can be labeled by reacting the peptide with a labeled antibody (mAb 3E7, for example, when the epitope sequence is YGGFL; SEQ ID NO:7).